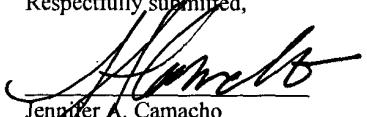




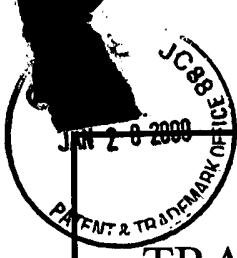
# TRANSMITTAL FORM

|                                                                                                                                           |                           |            |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------|-----------------------|
| <p style="text-align: center;"><b>O I P E</b><br/><b>PATENT &amp; TRADEMARK OFFICE</b></p> <p style="text-align: center;">MAY 21 2001</p> | Application Serial Number | 09/422,999 | <b>RECEIVED</b>       |
|                                                                                                                                           | Filing Date               | 10/22/99   | MAY 24 2001           |
|                                                                                                                                           | First Named Inventor      | Kawasaki   | TECH CENTER 1600/2900 |
|                                                                                                                                           | Group Art Unit            | 1646       |                       |
|                                                                                                                                           | Examiner Name             | Murphy, J. |                       |
|                                                                                                                                           | Attorney Docket No.       | MIT-103    |                       |

| <b>ENCLOSURES (check all that apply)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Fee Transmittal Form <ul style="list-style-type: none"> <li><input type="checkbox"/> Check Attached</li> <li><input type="checkbox"/> Copy of Fee Transmittal Form</li> </ul><br><input checked="" type="checkbox"/> Amendment/Response Restriction Requirement <ul style="list-style-type: none"> <li><input type="checkbox"/> After Final</li> <li><input type="checkbox"/> Affidavits/declaration(s)</li> <li><input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____]</li> </ul><br><input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)<br><input type="checkbox"/> Formal Drawing(s) | <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application<br><input type="checkbox"/> Small Entity Statement<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> After Allowance Communication to Group. | <input type="checkbox"/> Appeal Communication to Board of Patent Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group ( <i>Appeal Notice, Brief, Reply Brief</i> )<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Return Receipt Postcard<br><input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8<br><input type="checkbox"/> Additional Enclosure(s) ( <i>please identify below</i> ) |

| CORRESPONDENCE ADDRESS                                                                                                                                                                                   | SIGNATURE BLOCK                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Direct all correspondence to: Patent Administrator<br>Testa, Hurwitz & Thibeault, LLP<br>High Street Tower<br>125 High Street<br>Boston, MA 02110<br>Tel. No.: (617) 248-7000<br>Fax No.: (617) 248-7100 | Respectfully submitted,<br><br>Date: <u>5/17/01</u><br>Reg. No. <u>43,526</u><br>Tel. No.: (617) 248-7476<br>Fax No.: (617) 248-7100<br>Jennifer A. Camacho<br>Attorney for Applicant(s)<br>Testa, Hurwitz & Thibeault, LLP<br>High Street Tower<br>125 High Street<br>Boston, MA 02110 |

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Rec'd 1643

# TRANSMITTAL FORM

|                           |                  |
|---------------------------|------------------|
| Application Serial Number | 09/422,999       |
| Filing Date               | 10/22/99         |
| First Named Inventor      | Kawasaki         |
| Group Art Unit            | 1643             |
| Examiner Name             | Not yet assigned |
| Attorney Docket No.       | MIT-103          |

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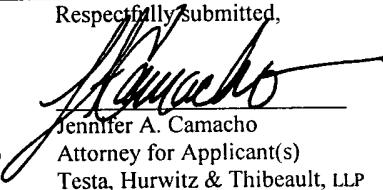
## ENCLOSURES (check all that apply)

|                                                                                                  |                                                                                                                              |                                                                                                     |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Fee Transmittal Form                                                    | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)                                      | <input type="checkbox"/> Appeal Communication to Board of Patent Appeals and Interferences          |
| <input type="checkbox"/> Check Attached                                                          | <input type="checkbox"/> Formal Drawing(s)                                                                                   | <input type="checkbox"/> Appeal Communication to Group ( <i>Appeal Notice, Brief, Reply Brief</i> ) |
| <input type="checkbox"/> Copy of Fee Transmittal Form                                            | <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition to Convert to a Provisional Application | <input type="checkbox"/> Status Letter                                                              |
| <input checked="" type="checkbox"/> Amendment/Response Preliminary Amendment                     | <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)                                                      | <input checked="" type="checkbox"/> Return Receipt Postcard                                         |
| <input type="checkbox"/> After Final                                                             | <input type="checkbox"/> Terminal Disclaimer                                                                                 | <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8          |
| <input type="checkbox"/> Affidavits/declaration(s)                                               | <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application                 | <input type="checkbox"/> Additional Enclosure(s) ( <i>please identify below</i> )                   |
| <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____] | <input type="checkbox"/> Small Entity Statement                                                                              |                                                                                                     |
| <input type="checkbox"/> Extension of Time Request                                               | <input type="checkbox"/> Request for Refund                                                                                  |                                                                                                     |
| <input type="checkbox"/> Information Disclosure Statement Form PTO-1449                          | <input type="checkbox"/> After Allowance Communication to Group                                                              |                                                                                                     |
| <input type="checkbox"/> Copies of IDS Citations                                                 |                                                                                                                              |                                                                                                     |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                                  |                                                                                                                              |                                                                                                     |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application                        |                                                                                                                              |                                                                                                     |

## CORRESPONDENCE ADDRESS

## SIGNATURE BLOCK

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Tel. No.: (617) 248-7000  
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Respectfully submitted,  
  
 Jennifer A. Camacho  
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 Testa, Hurwitz & Thibeault, LLP  
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 125 High Street  
 Boston, MA 02110

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MAY 24 2001  
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TECH CENTER 1600/2900



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Kawasaki et al.  
SERIAL NO.: 09/422,999 GROUP NO.: 1646  
FILING DATE: October 22, 1999 EXAMINER: Murphy J.  
TITLE: Genes Integrating Signal Transduction Pathways

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Box Missing Parts, Assistant Commissioner for Patents, Washington, DC 20231 on this 17<sup>th</sup> day of May, 2001.

  
Wendy Martin

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith are Transmittal Form (1 page); Amendment and Response (16 pgs. Including attachments); and a Return Receipt Postcard.